

On the Theory of the Vacuum Functional, by N. P.
Klepikov, (abstract)

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCVIII,
1954, pp 937-940. CIA Ø C-37509
Encl to IR-754-55, Germany.

AF 664067

On the Excitation Mechanism of the Oscillation
Levels of Molecules in an Electric Discharge,
by N. Ya. Dodonova (abstract)

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCVIII,
1954, pp 933-935, Encl to IR-754-55, Germany.

CIA C 37509

AF 664067

RAE, Farnborough

536

Schmidt 55/2/87

Electromagnetic Waves in a Rectangular Waveguide
Filled With a Magnetized Ferrite, by A. L.
Mikheyev, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol. XCVIII, 1954, p 941. ~~944~~

Morris D. Friedman *A-101*
\$3.50

Scientific - Physics

CTS 62-116-17
CTS 67/Apr 55

22, 942

The Consideration of the Magnetic Interaction in
the s-d Exchange Model of a Ferromagnetic Metal,
by E. A. Turov, (abstract)

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCVIII,
1954, pp 945-948, Encl to IR-754-55, Germany.
CIA C 37509

AF 664067

Correlation of the Amplitudes and Phases in
Wave Propagation in Statistically-Inhomogeneous
Media, by L. A. Chernov, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCVIII, 1954, p 953.

Morris D. Friedman
\$3.50

Scientific - Physics

JIB/SI - D.SI - 63
CTB 67/Apr 55

22,939

Annual Curve of the Infrared Emission of the
Night Sky, by S. F. Rodionov, 7 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol XCVIII,
No 6, 1954, pp 957-960.

English

34,359

ATIC P-TS-2 8708/III

Scientific - Astronomy

SLA R-2000
Nov 55 CTS/DEX

AF 196211 Chelto Dr - 10-57

SLA R-2000

A New System for the Feeding of an Impulse Oscillograph, by I. S. Stekolynikov, A. Ya. Inkov, A. M. Chernushenko (abstract)

RUSSIAN, thrice-monthly, Dok Ak Nauk, Vol. XCVIII, 1954, pp 969-972, Encl to IR-754-55, Germany
CIA C 37509

AF 664067

Kabanov, B. N., Leikis, D. [Ya.] and Krepakova, E. I.
MECANISME DE LA PASSIVATION CATHODIQUE
D'UNE ELECTRODE EN BIOXYDE DE PLOMB (The
Mechanism of Cathodic Polarization of Lead Dioxide
Electrodes). 12p. (foreign text included). 3 refs.
FR-3162 (text in French).

Order from OTS or ETC \$1.85

62-26196

Trans. in French of Akademiya Nauk SSSR. Doklady.
1954, v. 98, no. 6, p. 989-992.

DESCRIPTORS: *Lead compounds, Oxides,
*Electrodes, Polarization, Cathodes, *Passivity.

62-26196

- I. Kabanov, B. N.
- II. Leikis, D. [Ya.]
- III. Krepakova, E. I
- IV. FR-3162
- V. Centre National de la
Recherche Scientifique
(France)

(Chemistry--Physical, TT, v. 9, no. 8)

Office of Technical Services

Measurement of Vapour Pressure Above Solid
Antimony by the Tracer-Aton Technique,
by A. N. Muzasyanov, D. Z. Iofa. UNGE

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ZOVIII,
No 6, 1954, pp 993-995.

SLA 60-15744
DSIS LIA M.236

(1000)

Art - Phys

Apr 60

112,659

Infrared Boundary of Decolorization of the Fine
Structure in the Spectrum of Photochemically
Collored Silver Halide, by E. A. Nesterovskaya,
6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVIII, No 6,
1954, pp 997-999.

CIA/X-1799

USSR

Sci - Physics

26, 341

Biogenetic Elements in the Bottom Muds of Bering
Sea Sediments, by E. D. Zaitseva.

XCVIII.
RUSSIAN, per, Doklady Ak Nauk SSSR, LXVIII, No 6,
1954, pp 1005, 1006.

Assoc Tech Sv

\$4.50 Tr RJ-757

Sci - Geophysics, biology
Aug 57

51, 756 43152

(FDD 25797)

The Comparative P-Vitamin Activity of Tea Catechins,
Grape Tannins, and Buckwheat Rutin, by V. N. Bukin,
N. N. Yerofeyeva, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCVIII,
No 6, Moscow, 1954, pp 1011-1012.

CIA/FDD/U-7346

29,182

USSR

Sci - Medicine, neurophysics, biochemistry

CTS 73 Oct 55

The Mechanism of Photoreduction of ~~Various~~ Various
Pigments Sensitized by Chlorophyll and Related
Compounds, by V. B. Evstigneyev, V. A. Gavrilova,
6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCVIII,
1954, pp 1017-1020.

SLA R-1316

May 58

64, 618

Effect of Some Metabolites on the Multiplication of the Virus of the Mosaic Disease of Tobacco, by V. L. Ryzhkov, N. K. Marchenko.

RUSSIAN, per, Ak Nauk SSSR, Dokl, Vol XCVIII, 1954, pp 1033-1036.

GB/25

Sci-Agr
May 65

229,912

Investigation of the Width of Spectral Lines in an
Arc Source of Light, by A. Ya. Vyatskiy, I. M.
Magibina, 5 pp.

RUSSIAN, threes-no per, Dok Ak Nauk SSSR, Vol. XCVIII,
1954, pp 59-62.

ABC Tr 2363
{AP 664067 (Abstract)
(CIA C 37509

Sci - Physics
Nov 56 OES

40,485

Abstracts of Russian Physical Literature,
102 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCVIII, XCIX, Sep 1954-Jun 1955, Encl to
IR-754-55, Hq USAFE, Germany. CIA C 37509

AF 664067

Scientific - Physics
CIS 70/Jul 55

25,254

Discontinuous Solutions of Quasilinear Equations
of the First Order, by A. N. Tihonov and A. A.
Samarskii, 6 p.

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol
XCIX, 1954, pp 27-30.

Am Math Soc
Vol XLII, Ser 2

Sci-Math
Jun 66

302,691

(TDD 27971)

Investigation of the Magnetic Properties of Cobalt-Zinc and Manganese-Zinc Ferrites, by G. I. Dmitriyeva, 4 pp.

RUSSIAN, thricemo per, Dok Ak Nauk SSSR, Vol XCIX, No 1, Moscow, Nov 1974, pp 45, 46.

CIA/TDD U-8555

USSR
Sci - Physics

38,205

The Approximative Integration of the Equation of
a Plane Whirl-Shaped Supersonic Motion of a Gas,
by I. A. Kalishevick (abstract)

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCIX, 1954,
pp 37-40, Encl to IR-754-55, Germany.
CIA C 37509

AF 664067

On the Cause of the Occurrence of the Electro-
Motive Force With Illumination of Semi-Conductors
in a Non-Homogeneous Magnetic Field, by I. K.
Kikoin, I. Kh. Ganev, A. I. Marchevskiy, 1 p.
UNCLASSIFIED

RUSSIAN, thrise-no par, Dok Ak Nauk SSSR,
Vol XCIX, No 1, 1954, p 51.

Navy Tr 1166/MRL 516

Scientific - Physics
Apr 55 CFS

23, 4/5

(FDD 25095)

Investigation of the Variations in the Rectifying^A
Properties of the Point Contact Metal-Semiconductors
Under the Influence of the Irradiation of the Semi-
conductor by Ions of Alkali Metals, by M. M. Brelov,
R. F. Komarova, A. R. Regel', 10 pp.

RUSSIAN, thrice-mo per, Dokl Ak Nauk SSSR, Vol XCIX,
No 1, Moscow, 1 Nov 1954, pp 69-72.

CIA/FDD U-8120

34,819

USSR

Sci - Physics

Apr 56

Strength Criteria in Brittle Fracture, by N. N.
Davidenkov

RUSSIAN, thrice-no per, Dok Ak Nauk, SSSR, Vol
XCIX, No 1, 1954, pp 73-75.

Assoc Tech Sv RJ-470
\$5.20

Sci - Physics

Jan 57 CTS

AF 664067(CIA C 37509) abstract

42,176

Radiographic Investigation of the Interatomic
Interaction in Solid Solutions on Nickel Basis,
by G. V. Kudryumov, N. T. Travina, (abstract)

RUSSIAN, thrice-mo per, Dok Ak Mpiak, Vol XCIX, 1954,
pp 77-80, Encl to IR-754-55, Germany. CIA C 37509

AF 664067

5-11-54-1-100

Tungsten and Vanadium Bronzes, by R. P. Ozerov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIX, 1954,
pp 93-95.

AEC Tr-5131

OTS 62-16141

Sci - Min/Metals

Aug 62

List 71

206,087

A Study of the Mobility of Radicals by the
Isotope Method, by I. P. Gragerov. URCL.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIX, No. 1,
1954, pp 101-104.

Sci. Mus Lib 58/1413

Sci - Phys
Mar 59

82,458

Molecular-Weight Effects on the Transformation
Temperature of Nitrocellulose, by P. V. Kozlov,
E. F. Rosskova.

RUSSIAN, per, Dok Ak Nauk, Vol XCIX, 1954, pp 105-108.

*PL 480

Foreign Sv

Sci 32
Apr 61

Anodic Passivation of Iron in Concentrated Sulfuric
Acid, by V. M. Novakovsky, A. K. Levin, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLIX, No 1, 1954
pp 129-132.

Sci Tr Center
RF-4105

Sci - Chemistry

41, 544

Onygen, Polarisation Rate in Atmospheric
Oxidation of Metals, by I. N. Zaslavskaya,
A. A. Zaslavskaya, 6 pp.

ВЕНЕЦИАН, пер. Док Ак Банк 6888, Док Ритинс,
VOL XXIX, No 1, 1954, pp 137-140.

OSIR 74 No 226

ATK R2 11147

Per. 11147

Jan 63

234, 235, 236

(FDD 25795)

Investigation of Protein Restoration in the
Regenerative Tissues Under the Effect of Urea
Using Methionine Tagged With S35, by L. N.
Zamanskiy, A. I. Lopushanskiy, P. Ya. Siver, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIX,
No 1, Moscow, 1954, pp 177-179.

USSR

Sci - Biology, neurophysiology
Medicine CTS 73 Oct 55

29,209

CIA/FDD/U-7343

On the Heat Condition Equation, by N. N. Melnik,
5 pp.

RUSSEAN, per, Dok Ak Nauk SSSR, Vol XCIX, No 2,
1954, pp 209-212.

SIA 58-187

CCT ~~38~~

83813

Sci

Jul 59

93, 0 46

On the Representation of Green-Schwinger's
Functions by Functional Integrals, by N. N.
Bogolyubov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIX,
No 2, 1954, pp 225, 226.

Enedoc

Hillside Road

New Delhi-12, India

Sci - Physics
Oct 1956 CTB/dax

39,852

Investigation of the Heat Conductivity of Several
Liquids and of Their Vapors in the Critical Range,
by A. K. Abas-Zade (abstract)

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCIX, 1954,
pp 227-230, Encl to IR-754-55, Germany.

CIA C 37509

AF 664067

The Piezo-Electric Effect of Rocks, by
M. P. Volarovich et al.

RUSSIAN, thrice no per, Dok Ak Nauk 866R, Vol XCIX,
No 2, 1954, pp 239-242.

Co-Op Trans Sch Tr 337
£1.12s.

Sci - Physics
Jul 57

49,175

Effect of Mn on Self-Diffusion of Fe,
by P. L. Gruzin, et al.
RUSSIAN, per, Doklady Akad. Nauk SSSR,
Vol. 99, No. 2, 1954, pp. 247-250.
*CFSTI TT 70-57056

Sci/phys
Feb 70

Radiographic Investigation of the Structural Changes
in Blast-Furnace Cokes, by A. M. Zubko, E. Z. Spektor
(abstract)

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCIX,
1954, pp 251-253, Encl to IR-754-55, Germany.
CIA C 37509

AF 664067

Study of Relation Between Catalytic and
Semiconductor Properties of Zinc Oxide, by
I. Ya. Myasnikov, S. Ya. Pshchetskiy.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol XCIX,
No 2, 1954, pp 277-279.

34,054

Brutcher Tr

No 3652

NLL 1000 \$2.80

Scientific - Chemistry

May 56 CTS/DEX

Corrosion of Stainless Steels in Acidic Oxidizing
Solutions, . A New Type of Corrosion Failure
of Welded Joints, by M. M. Kurtepov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
~~HEIKEN~~ Vol XCIX, No 2, 1954, pp 305, 306.

Assoc Tech Sv RJ 316
PO Box 271, E? Orange, NJ

Scientific - Chemistry

Feb 56

31,216

(FDD 25791.)

The Problem of Nerve Cell Fission, by A. F.
Nikiforov, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol XCIX, No 2, Moscow, 1954, pp 315, 316.

CIA/FDD/U-7392

USSR

Sci - Biology, biochemistry
CTS 73 Oct 55

29,157

(FDD 25792)

Changes in the Processes of Cell Fission After
Stimulation of the Nervous System of Animals, by
V. V. Kozlov, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIX,
No 2, Moscow, 1954, pp 317-320.

CIA/FDD/U-7393

USSR

Sci - Medicine, biochemistry

CTS 73 Oct 55

29,089

Thireotropic Effect of Hypophysial Injection in
Sturgeons, by A. D. Ivanova, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol.
XCIX, No 2, 1954, pp 333-336.

Sci Mus Lib No 56/3062

Sci - Biology

44, 029

The Resistance of Bodies in a Liquid During Its
Motion Near a Vertical Wall, by A. A. Kostyukov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIX, No 3,
1954, pp 349-352.

NIL M. 2759

Sci - Phys

180,037

Jan 62

A Relativistic Equation for Three Coupled Bodies,
by D. Ivanenko, V. Zytovisk (abstract)

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCIX,
1954, pp 373-376, Encl to IR-754-55, Germany.
CIA C 37509

AF 664067

The Decay of a Deuteron at the Bombing With Electrons,
by V. A. Myamlin (abstract

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCIX, 1954,
pp 377-380, Encl to IR-754-55, Germany.
CIA C 37509

AF 664067

The Question of Research on the Mechanism of
Deep Earthquakes, by S. D. Kogan, 8 pp.

^{thru 1955}
RUSSIAN, ^{Apr}, Dok Akad Nauk, Vol XCIX, No 3,
1954, pp 385-388. CIA D-447239.

Def Sci Info Sv,
NRB Canada,
T 201 R

33,065

Ugr
Scientific - Geophysics

Apr 56

Equilibrium Polymerization of Cyclic Formals, by
A. A. Strepikheyev, A. V. Volokhina.

^{Per}
RUSSIAN, Dok Akad Nauk SSSR, ~~XXX~~, No 3, 1954,
pp 407-410.

Assoc Tech Sv
\$6.40 Tr RJ-814

Sci - Chemistry
Aug 57

51,743

NLL Ref: 5207 (1241)

Effect of Hydrogen on the Properties of Alloys,
by N. A. Galaktionova,

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol XCIX, No 3, 1954, pp 411-413.

25,281

Assoc. Test. Sec. 6J-471
Brutcher Tr 3448
\$2.85

Scientific - Min/Metals, Chemistry

Jul 55 CTS

The Influence of the Electrokinetic Properties
of the Surface of Minerals on Their Flotation,
by V. M. Borisov, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
XCIX, No 3, 1954, pp 427-430.

Sci Mus Lib No 56/3257
A.E.R.E. Harwell Lib Tr 754

Sci - Physics

44,023

KUZMENKO, M. V.

R-1612. Beryllite - a new mineral. Doklady Akad.
Nauk SSSR, 99, p.451-454, 1954. (1p.)

(FDD 26354)

Differences in the Electrical Activity of the
Brain of Dogs Having Various Types of Higher
Nervous Activity, by V. D. Glezner, B. Kh.
Gurevich, L. I. Leushina, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIX, No 3, Moscow, Nov 1954, pp 485-488.

CIA/FDD/U-7752

31,344

USSR

Sci - Medicine, neurophysiology
Jan 56 CTS/DEK

The Role of Chlorophyll and Varotene in the Process
of Transformation of Plants of Visible Light Into
Mitogenetic Radiation, by N. M. Peredel'skaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCVIIII, 1954,
pp 471-473.

SLA Tr R-1318

Sci

Jun 58

65,839

Conduction of a Film in a Longitudinal Magnetic Field,
by M. Ya. Azbel', 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIX,
No 4, 1954, pp 519-522.

Morris D. Friedman

\$3.00

35, 2/2

Scientific - Physics

Jun 56 CTS/dex

Experiments With the Study of Bromine Diffusion
in Solid Silver Bromide, by A. N. Murin, G. N.
Kazakova, B. G. Lur'ye, 3 pp. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIX, No 4, 1954, pp 529-531.

Navy Tr 1211/MRL 525

Scientific - Chemistry

25,709

Chain Process for Charge Accumulation in
Thunderclouds, by V. M. Muchnik, 3 pp.

RUSSIAN, thrice-no par, Dok Ak Nauk SSSR,
Vol XCIX, 1954, pp 537, 538.

AEC Tr 2753

Sci - Physics

48, 647

Jun 57

ATIC

FTC

Reaction of Ferrocene With Diazo Compounds, by
A. N. Neameyanov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIX, 1954, pp 539-542.

Assoc Tech Sv RJ-251
\$6.40

Scientific - Chemistry
CTB 73/Oct 1955

27,699

Application of the Polarographic Method to the
Analysis of Unsaturated Organic Compounds, by A. V.
Ryabov, G. D. Panova.

RUSSIAN, thrice-a-o per, Dok Ak Nauk SSSR, Vol XCIX,
No 4, 1954, pp 547-549.

Assoc Tech Sv
RJ-402

Sci - Chemistry

Physics

36,951

\$4.80

Aug 1956

On the Interaction of a Beam of Charged Particles
With an Electron Plasma, by A. T. Akhiezer, Ya. B.
Fainberg, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXIX,
1949, pp 555, 556.

AEC Tr 2730
also CO-W-9665

Sci - Phys

Sep 57

A-18

Study of the Structural-Mechanical Properties
of Cement Pastes $\bar{P}$ by Means of the Elasto-
Viscometer, by N. V. Mikhaylov, Ye. Ye. Kalmykova,
7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIX,
No 4, 1954, pp 573-579.

SLA 60-16820

Sci
Vol IV, No 7
Apr 62

193,887

The Isotopic Composition of Water of Crystallization,
by R. V. Teyss.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIX,
No 4, 1954, pp 585-588.

Assoc Tech Sv RJ-524
\$5.95 (\$1.55)

Sci - Chemistry
Apr 1957 CTS/dex

46, 782

(FDD 25787)

The Methylation of Uracil in Tissue Homogenates,
by S. S. Lebov, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, ~~XXIX~~
~~XXIX~~ Vol XCIX, No 4, Moscow, 1954, pp 589-592.

CIA/FDD/U-7388

USSR

Sci - Biology, & biochemistry CTS 73 Oct 55

RT-373/ 29,159

Effect of Nutritive Medium on Carbohydrate
Composition of Yeasts and Their Enzymatic
Activity, by A. I. Oparin, et al.
RUSSIAN, per, Dokl Akad Nauk SSSR, Vol 99,
No 4, 1954, pp 593-596.
NIH 3-22-65

Sci- Biol & Med Sci
May 65

278,362

Polygraphic Investigation of Sulfuric Acid Solution
of Titanium and Niobium, By E. I. Krylov, D. S.
Kolevator, V. A. Samarina, 7 pp.

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR, Vol ~~XXVIII~~,
1954, pp 593-595.

AEC Tr 3040

SLA R-1983

Sci - Chem
Oct 57

54,250

Expulsion of Water From Clays Under High Pressure;
by P. A. Kryukov, N. A. Komarova.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol XLIX, No 4,
1954, pp 617-619.

Dept of Interior
Bd of Reclam
Tech Lib
Denver Colo
SLA R 3923

Sci - Geophys

101, 307

Nov 59

Variations in the Water-Retaining Capacity of
Assimilating Organs of Plants With Varying
Transpiration, by B. Shcherbakov.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol XCIX,
No 4, 1954, p 637-640.

1954, p 59-601

SLA CSIRO 3145

Sci

Jul 58

68,612

(FDD 25788)

The Replacement of the Crystalline Lens of
Tailless Amphibians by Laval Skin, by V. N.
Vereyskaya, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIX, No 4, Moscow, 1954, pp 649-652.

CIA/FDD/U-7389

USSR'

Sci - Biology, biochemistry
CTS 73 Oct 55

29, 160

(FDD 25789)

On the Counteractivity of the Signal Systems in
Children, by Yu. M. Pratusenich, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIX, No 4, Moscow, ~~1954~~, pp 653-656.

CIA/FDD/U-7390

USSR
Sci - Biology, biochemistry
CIS 73 Oct 55

29,158

Resistance of Plastic Metals to Brittle Disin-
tegration by G. V. Uzhik, 5 pp. UNCL

RUSSEAN, per, Dok Ak Nauk SSSR, Vol 202, No 5,
1954, pp 635-637. 9660970

ATTC MCL-534/EEI

Sci - Min/Met

Apr 61

Is 40347 - item 18

147,888

Borovik-Romanov, A. S., Orlova, M. P., and
Strelkov, P. G.

THE MAGNETIC AND THERMAL PROPERTIES OF
THREE MODIFICATIONS OF SOLID OXYGEN (Mag-
nitnye i Teplovye Svoistva Trekh Modifikatsii Tverdogo
Kisloroda) J. Molukko, tr. 1960 [10p] (foreign text
included) 17 refs [NBS] T-12.

Order from OTC, SLA, or ETC \$1.10 TT-64-13556

Trans. of Akademiya Nauk SSSR. Doklady, 1954, v. 99,
no. 5, p. 699-702.

Another trans. is available from LC or SLA m\$1.80,
ph\$1.30 as UCRL-Trans-554 [1960] 7p.

TT-64-13556

- I. Borovik-Romanov, A. S.
- II. Orlova, M. P.
- III. Strelkov, P. G.
- IV. NBS-T-12
- V. National Bureau of Standards,
Boulder, Colo.

(Physics, TT, v. 11, no. 11)

Office of Technical Services

Velocity of Electrons Emitted During Stripping
of Film of High-Polymer From Solid Backing, and
Distribution of Emitting Centers, by V. V.
Karasev, N. A. Krotova, 10 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. MCIX, No 5,
1954, pp 715-718.

SIA 60-10059

Sci
OTS, Vol III, No 7
Nov 60

133,040

Reflection of Sound by a Thin Plate in Water, by
L. M. Lyanshev, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol XCIX, 1954, p 719. - ~~727~~

Morris D. Friedman L-104

\$3.00

Scientific - Physics

V-7003

CTB 67/Apr 55

22,941

C. the Question of the Supraconductivity of Thin
Films of Tantalum and Niobium, by I. Chuchareva,
A. Salynikov (abstract)

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCIX, 1954,
pp 735-736, Encl to IR-754-55, Germany.

CIA C 37509

(4) SLA R-1006 + 62-20385
AF 664067

RUSSIAN to FRENCH

UTS TT-62-28267

Possible Cause of the Disturbance Daily Variation
S₀ of the Terrestrial Magnetic Field, by B. Ye.
Briunelli.

RUSSIAN, per, Dok Ak Nauk, Vol XCIX, 1954, pp 741-743.

See also...
Def Sci Info Sv
DRB, Canada, —
T 166 R

33,571

USSR

Sci - Geophysics

The Temperature Field in a Steel Vessel at
High Pressure, by L. F. Vereschagin, Ya. A.
Kalesnikov, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIX,
1954, pp 745-748.

AEC Tr 2317

USSR
Sci - Physics

29,432

Elastic Weakening of a System on Application
of Pulsating Stresses, by N. V. Mikhailov,
3 pp.

^{thrice.}
RUSSIAN, ^{Amo} per, Dok Ak Nauk SSSR, Vol XCIX,
No 5, 1954, pp 749-751.

Sci Mus Lib 55/1797

Sci - Physics
~~Nuclear Physics~~

29,571

Study of the Constitution Diagram $\text{GeO}_2\text{-Li}_2\text{O}$,
by P. P. Budnikov, S. G. Tresvyatskiy.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIX, No 5, 1954, pp 761-763.

Coop Trans Scheme No 176
L1.12s. (4s.0d.)

Sci - Chemistry

May 1956

33,775

SLA R-234

Rapid Methods of Microelemental Analysis.
Simultaneous Determination of Elements by ~~XXXXXXXX~~
~~XXXXXXXX~~ Decomposition of Organic Substances by
Heating With Metallic Potassium, by M. O.
Korshun, M. N. Chumachenko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIX,
No 5, 1954, pp 769-771.

Assoc Tech Sv
RJ-301

Sci - Chemistry
Jan 1956/CTS No 77

30,540

CT561-

17262

P.O. Box ~~271~~ 271, East Orange, N. J.

Synthesis of Hydroxytetrahydropyran and the
Products of Its Transformations, by M. I. Farberov,
E. P. Tepenitsina, N. K. Shemyakina, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIX, No 5, 1954, pp 793-796.

Sci Mus Lib
Tr 55/0990

Scientific - Chemistry
CTB 70/Jul 55

25,199

Mechanism of Passivation of Metals in Oxidizing Media, by V. P. Butakov, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol XCIX, No 5, 1954, pp 797-800.

Navy Tr 1331/NRL 554

Sci - Minerals/Metals

33,469

May 1956

New Method of Determination of Coefficient of
Sliding Friction and its Application to the Study
of Adsorptional Lubrication, by G. I. Epifanov,
F. P. Soloshko, P. A. Rejinder.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIX, No 5,
1954, pp 801-804.

Brutcher Tr No 3603
\$3.80

29/122

USSR

Sci - Fuels

Physics

Chemistry

Determination of the Zero Charge Potential on
the Lead Dioxide Electrode, by B. N. Kabanov,
I. G. Kiseleva, D. I. Leikis, 4 pp. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIX,
No. 5, 1954, pp 605-608.

ATS-RJ313
Navy Tr 1213/NRL 527
SLA RT-2872(8pp)

25,712

Scientific - Physics

RUSSIAN TO FRENCH

OTS TT-62-28582

8
The Theory of Coagulation of Colloids in a
Turbulent Liquid Current, by G. Levich, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
XCIX, No 5, 1954, pp 809-812.

SLA R-2056

Sci.

Aug 58

AEC/BNL/TR-277-69
71,203

Exchange Reactions in Vulcanized Rubber, by
Z. Tarasova et al.

RUSSIAN, thrice-no per, Dokl Ak Nauk SSSR,
Vol XCIX, No 5, 1954, pp 619-622.

Coop Trans Scheme Tr 204
11.12a.

Sci - Chemistry,

Jul 1956

36, 395

(FDD 25785)

Conditioned-Reflex Shifts in Certain Aspects of the
Blood-Coagulating System, by G. Kh. Bunyatyan, K. G.
Karaguzyan, 8 pp.

RUSSIAN, thrice-a-week per, ~~Dok Ak Nauk SSSR~~ Vol XCIX,
No 5, Moscow, 1954, pp 831-834.

CIA/EDD U-819a4

35,007

USSR

Sci - Medicine, Neuophysiology, histology

(FDD 25736)

The Permeability of Human Skin to Carbonate and Bicarbonate Ions, by I. A. Oyvin, Ye. P. Smolichev, 8 pp.

RUSSIAN, thrice-a-week per, Dok Ak Nauk SSSR, Vol XCIX, Moscow, 1954, pp 869, pp 889-892.

CIA/FDD U-8195

35,001

USSR

Sci - Medicine, Neurophysiology, ~~ENDOCRINOLOGY~~
hematology

May 56

The Interaction of Shock Waves With Tangential
and Weak Discontinuities, by S. P. Dyakov, 4 pp.

RUSSIAN, per, Dok Ak Nauk, Vol XCIX, 1954,
pp 921-3.

AEC Tr 2566

~~SECRET (NOFORN DISSEM)~~

~~CIA-C-37529~~

Sci - Physics
Nov 56 CRS

40,437

(FDD 24193)

Observation of the Traces of High-Energy Ionizing
Particles From an Accelerator by Means of a
Propane Bubble Chamber, by G. A. Elinov, Yu. S.
Krestnikov, I. I. Pershin, 3 pp.

Full translation.

SLA 61-17482 23,287

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol XCIX,
No 6, Moscow, 21 Dec 1954, pp 989, 990.

CIA/FDD/U-6908

AFRE Lib - 540

USSR

Sci - Nuclear Physics, bubble chambers CTS 66/Mar 55

Sci Group Lib - 65/1480